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**ENVIRONMENTAL SCIENCE
AND ENGINEERING, INC.**

ESE

October 15, 1987
ESE No. 87541-0100

**ENVIRONMENTAL SCIENCE
AND ENGINEERING, INC.**
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Sacramento, California 95834

Mr. Jerry Wallmeyer
Department of the Navy
Atlantic Division
Naval Facilities Engineering Command
Code 1143
Building IIA, Gilbert Street
Norfolk, Virginia 23511-6287

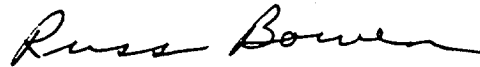
RE: Contract No. N62740-85-C-7972, Confirmation Study, U.S.
Naval Complex, Puerto Rico

Dear Jerry:

Enclosed is the first monthly progress report for the period
of September 14, 1987 through October 4, 1987.

Please do not hesitate to call me if you have any questions
regarding this report.

Sincerely,



Russell V. Bowen, P.E.
Project Manager

RVB/tlh
Enclosures
cc: Lou Bilello, ESE
Donna Baggett, ESE
Lisa Bare, ESE

MONTHLY PROGRESS REPORT
PERIOD 9/14/87 THROUGH 10/4/87

U.S. NAVAL COMPLEX, PUERTO RICO
CONFIRMATION STUDY

WORK ACCOMPLISHED

1. Prepared and submitted working copy of Work/Safety Plan for NAVSTA Roosevelt Roads and NSGA Sabana Seca.
2. Prepared sample kits, and packaged and shipped sample kits and equipment to NAVSTA Roosevelt Roads.
3. Performed site reconnaissance of sites of potential contamination at NAVSTA Roosevelt Roads, NAF Vieques, and NSGA Sabana Seca.

PROBLEMS ENCOUNTERED

1. One well at Site 7 (R7GW03), Sanitary Landfill at NAVSTA Roosevelt Roads was apparently vandalized and is no longer suitable for the collection of valid ground water samples for analysis. Another well at Site 7 (R7GW04) was completely destroyed by landfill operating equipment.
2. The protective casing and posts, and the concrete pad for Well 12GW06 at Site 12 were damaged apparently as a result of a large vehicle colliding with the protective posts and casing. However, inspection of the grout and the well casing beneath the concrete pad indicated that the well is intact and is suitable for ground water sampling.
3. The concrete pad at Well 12GW05 at Site 12 was cracked apparently as a result of deficient construction practices. This pad will be re-constructed at no cost to the Government.
4. Several existing monitor wells were missing locking caps. The caps will be installed at no cost to the Government.

PERCENTAGE OF WORK COMPLETED

Approximately 6 percent.

PLANS FOR FOLLOWING MONTH

1. Finalize Work/Safety Plan for NAVSTA Roosevelt Roads and NSGA Sabana Seca.
2. Install three monitor wells at Site 18, Pest Control Shop at NAVSTA Roosevelt Roads, and one monitor well at Site 6, Langley Drive Disposal Site at NAVSTA Roosevelt Roads.
3. Drill 52 investigative soil borings at Site 12, Tow Way Fuel Farm at NAVSTA Roosevelt Roads.

4. Collect and analyze surface water, sediment, soil, and ground water samples at sites of potential contamination at NAVSTA Roosevelt Roads.

CONFIRMATION OF ANY CLARIFICATIONS OR TECHNICAL GUIDANCE

None.